

What is NOAA Weather Radio?

NOAA's Weather Radio Service provides the latest information directly from the NWS, including 24 hour radio broadcast forecasts, watches, and warnings daily, as well as other highly crucial hazard information to help safeguard you and your family.

How is All This Possible?

Several partners have worked together to install many new NOAA radio transmitters throughout the State of Missouri. This effort has greatly extended NOAA's Weather Radio coverage, enabling nearly 100 percent of the state to now receive timely key weather reporting and other vital emergency information. These partners included the:

- **Missouri State Emergency Management Agency (SEMA)**
- **Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) & National Weather Service (NWS)**
- **Missouri Offices of the NWS and NOAA**
- **Association of Missouri Electric Cooperatives and Member Cooperatives**
- **Private Industry**
- **Various City and County Governments**
- **Concerned Citizens**

Where Do We Need NOAA Weather Radios?

Public safety experts agree: the receivers should be standard equipment in every home. They are especially valuable in places that are entrusted with public safety, including hospitals, schools, places of worship, nursing homes, restaurants, grocery stores, recreation centers, office buildings, sports facilities, theaters, retail stores, bus and train stations, airports, marinas and other public-gathering places.

Home – *Be warned of approaching storms so you can seek shelter before the storm arrives!*

Work – *You can listen to the broadcast no matter where your workplace may be.*

Travel – *Broadcasts are available to travelers on highways and at rest areas across the nation.*

Play – *Include a Weather Radio along with sports equipment when inclement weather is possible.*

Boating and Camping – *Broadcasts are available in many wilderness areas, campgrounds and state parks.*

There are now over 650 NOAA Weather Radio Transmitters operating nationwide.



NOAA Weather Radio seconds Can Save Lives!



For more information, please contact the following:
Tel: (573) 526-9100 or E-mail:
mosema@mail.state.mo.us
or
Contact your local NWS office

Please feel free to visit the following websites:

www.sema.state.mo.us
www.noaa.gov
www.nws.noaa.gov

What is my NOAA Weather Radio Frequency?

Closest Location MHZ Frequency

Alton	162.500
Bourbon	162.525
Branson	162.550
Camdenton	162.550
Carrollton	162.450
Cape Girardeau	162.550
Clinton	162.500
Columbia	162.400
Dexter	162.400
Doniphan	162.450
El Dorado Springs	162.475
Fredricktown	162.500
Gainesville	162.425
Hannibal	162.475
Hermitage	162.450
Joplin	162.425
Kahoka	162.450
Kansas City	162.550
La Plata	162.525
Lancaster	162.550
Maryville	162.425
Piedmont	162.425
Springfield	162.400
St. Joseph	162.400
St. Louis	162.550
Summersville	162.475
Trenton	162.500
Wardell	162.525
West Plains	162.525

Stations in other states with broadcast coverage into Missouri:

Chester, IL	162.450
Jerseyville, IL	162.450
Falls City, NE	162.500

Information as of March 15, 2002 – For updates, visit
<http://205.156.54.206/nwr/nwrtrans.htm#MO>

What Makes NOAA Weather Radio So Special?

When a threat is determined, NWS forecasters will interrupt routine weather programming and transmit the special tone that **automatically** activates the weather radios to provide emergency warnings and information to the public in the endangered areas. The hearing and visually impaired also can receive these warnings by connecting weather radios with alarm tone capability to other kinds of attention-getting devices such as strobe lights, pagers, bed-shakers, personal computers and text printers.

What Kind of NOAA Weather Radio is Best?

What you should buy depends on your personal needs. The radio should be capable of receiving all 7 frequencies used by NOAA's Weather Radio broadcasts, especially important for those who travel. Most NOAA Weather Radio receivers are either battery-operated portables or AC-powered desktop models with battery backup so they can be used in many different situations.

It is also recommended that you purchase one of the more sophisticated weather radio receivers equipped with the Specific Area Message Encoding or "SAME" technology to take advantage of a new capability that enables the NWS to target specific areas such as individual counties.

When programmed by the user for a specific county, a SAME equipped radio receives the special broadcast code and automatically sounds the alarm or turns itself on to announce the emergency message for the targeted county only.

Some CB radios, scanners, short wave and AM/FM radios are capable of receiving NOAA Weather Radio transmissions. Many communities throughout the United States also make Weather Radio available on cable TV and commercial/public broadcast television's secondary audio programming channels.

Where Can I Purchase A NOAA Weather Radio?

Check with local retail stores that sell consumer electronics or home entertainment equipment, or call the National Weather Service Office closest to you.

Prices vary by manufacturer and model, but many of the portable weather warning radio receivers, including those equipped with "SAME" technology, can be purchased for less than it costs to buy a new pair of shoes!!

What Does "SAME" Technology Mean?

A new digital technology called Specific Area Message Encoding or "SAME" enables NOAA Weather Radios to be encoded with more than 3 frequencies targeted to very specific areas of the state (i.e., individual counties or select portions of the state), so that listeners can elect to receive only broadcasts intended for their specific area or areas.

What is Meant by "All-Hazard" Capability?



As many people already know, each National Weather Service Office tailors its "round-the-clock" broadcasts to deliver local forecasts and emergency weather information.

Perhaps less understood by some is the fact that NOAA Weather Radio also is part of an "all hazards" broadcast radio network, making it the single most comprehensive weather and emergency information source that is readily available to the Missouri public.

Working with the Federal Communications Commission's Emergency Alert System (EAS) and with other Federal agencies, NOAA Weather Radio broadcasts watches, warnings and post-disaster-event information for all types of hazards, both *natural* (i.e., tornadoes, severe storms, rising river levels, floods, earthquakes, etc.) and *technological* (i.e., chemical or oil spills, etc.).